



National Load Despatch Centre
पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED
(A wholly owned subsidiary of POWERGRID)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 12th Jan 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक , द.क्षे.भा.प्रे.के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 11.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11 जनवरी 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें की वेबसाइट पर उपलब्ध है

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 11 January 2017, is available at the NLDC website.

Thanking You.



पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting 12-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	43572	43647	37153	17273	2284	143929
Peak Shortage (MW)	941	44	0	0	37	1022
Energy Met (MU)	876	999	869	320	38	3102
Hydro Gen(MU)	96	43	46	20	11	216
Wind Gen(MU)	5	20	9	-----	-----	33
Solar Gen (MU)*	2.55	10.59	15.50	0.03	0.02	29

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.045	0.00	0.37	8.54	8.91	71.82	19.27

C. Power Supply Position in States

Region/Region	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)
NR	Punjab	5569	0	98.6	39.5	2.0	200
	Haryana	6643	0	119.7	67.2	-1.2	376
	Rajasthan	9498	144	207.7	76.3	4.0	334
	Delhi	3777	2	63.7	50.9	0.2	245
	UP	13322	0	277.8	83.7	1.4	463
	Uttarakhand	1921	0	34.1	21.7	1.6	163
	HP	1344	50	26.2	20.2	0.9	221
	J&K	2090	523	44.6	38.5	2.4	217
WR	Chandigarh	235	0	3.9	3.6	0.3	51
	Chhattisgarh	3191	0	70.7	7.7	-1.4	200
	Gujarat	12812	0	273.9	81.7	-2.1	392
	MP	10783	0	207.6	124.4	-1.8	206
	Maharashtra	20073	0	406.8	137.4	-0.9	344
	Goa	427	0	8.5	8.2	-0.3	99
	DD	290	0	6.6	6.5	0.1	29
	DNH	725	0	16.5	16.7	-0.2	-5
SR	Essar steel	697	0	8.0	7.7	0.4	140
	Andhra Pradesh	7235	0	143.5	9.2	-8.6	460
	Telangana	8246	0	159.3	71.9	0.8	395
	Karnataka	9029	0	201.1	68.3	4.7	399
	Kerala	3458	0	63.6	54.0	2.2	194
	Tamil Nadu	13432	0	295.4	148.4	-0.5	603
	Pondy	319	0	6.3	6.7	-0.4	34
	ER	Bihar	3512	0	61.3	57.5	1.5
DVC		2620	0	62.2	-34.0	-0.4	180
Jharkhand		1206	0	21.8	14.1	2.1	230
Odisha		3730	0	69.8	17.8	0.9	290
West Bengal		6699	0	103.3	20.3	0.5	310
NER	Sikkim	108	0	2.0	1.5	0.4	28
	Arunachal Pradesh	101	1	2.1	1.8	0.2	11
	Assam	1399	1	21.8	16.3	2.0	197
	Manipur	145	2	2.2	2.2	0.1	30
	Meghalaya	284	0	4.9	4.4	0.0	0
	Mizoram	81	0	1.5	1.2	0.2	24
	Nagaland	96	2	2.1	1.7	0.4	16
Tripura	209	0	3.0	1.4	0.0	38	

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.2	-7.8	-10.7
Day peak (MW)	233.6	-358.0	-594.8

E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	208.1	-216.1	77.0	-70.3	4.0	2.7
Actual(MU)	209.5	-222.2	82.4	-66.9	6.3	9.1
O/D/U/D(MU)	1.4	-6.1	5.4	3.4	2.3	6.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6754	11167	3010	2220	215	23366
State Sector	10035	19196	6572	6374	110	42287
Total	16789	30363	9582	8594	324	65653

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 12-Jan-17
								Import=(+ve) /Export =(-ve) for NET (MU)
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	429	0.0	12.0	-12.0
2		SASARAM-FATEHPUR	S/C	0	257	0.0	4.0	-4.0
3		GAYA-BALIA	S/C	0	394	0.0	7.0	-7.0
4	HVDC LINK	PUSAULI B/B	S/C	4	0	0.0	0.0	0.0
5	400 KV	PUSAULI-SARNATH	S/C	110	0	1.0	0.0	1.0
6		PUSAULI -ALLAHABAD	S/C	219	0	4.0	0.0	4.0
7		MUZAFFARPUR-GORAKHPUR	D/C	84	309	0.0	4.0	-4.0
8		PATNA-BALIA	Q/C	0	838	0.0	17.0	-17.0
9		BIHARSHARIFF-BALIA	D/C	91	236	0.0	3.0	-3.0
10		BARH-GORAKHPUR	D/C	0	290	0.0	11.0	-11.0
11	BIHARSHARIFF-VARANASI	D/C	23	0	0.0	2.0	-2.0	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	155	0.0	2.0	-2.0
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	1.0	0.0	1.0
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						6.0	62.0	-56.0
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	920	0.0	11.0	-11.0
18		NEW RANCHI-DHARAMJAIGARH	D/C	482	144	4.0	0.0	4.0
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	141	25	1.0	0.0	1.0
20		JHARSUGUDA-RAIGARH	S/C	148	0	2.0	0.0	2.0
21		IBEUL-RAIGARH	S/C	106	0	1.0	0.0	1.0
22		STERLITE-RAIGARH	D/C	0	202	0.0	3.0	-3.0
23		RANCHI-SIPAT	D/C	273	0	3.0	0.0	3.0
24	220 KV	BUDHIPADAR-RAIGARH	S/C	26	98	0.0	1.0	-1.0
25		BUDHIPADAR-KORBA	D/C	185	0	3.0	0.0	3.0
ER-WR						14.0	15.0	-1.0
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	311	0.0	14.0	-14.0
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2449	0.0	43.0	-43.0
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0
29	400 KV	TALCHER-1/C		0.0	0	0.0	0.0	0.0
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	57.0	-57.0
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	D/C	421	286	1.0	0.0	1
32		ALIPURDUAR-BONGAIGAON	D/C	286	224	3.0	0.0	3
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
ER-NER						4.0	0.0	4.0
Import/Export of NR (With NER)								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.8	11.8
NR-NER						0.0	11.8	11.8
Import/Export of WR (With NR)								
35	HVDC	V'CHAL B/B	D/C	500	0	11.1	0.0	11.1
36	HVDC	APL -MHG	D/C	0	2518	0.0	57.0	-57.0
37	765 KV	GWALIOR-AGRA	D/C	0	3216	0.0	65.1	-65.1
38	765 KV	PHAGI-GWALIOR	D/C	0	1664	0.0	35.6	-35.6
39	400 KV	ZERDA-KANKROLI	S/C	197	83	0.4	0.0	0.4
40	400 KV	ZERDA -BHINMAL	S/C	91	191	0.0	2.0	-2.0
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	485	0	9	-9
43	220 KV	BADOD-KOTA	S/C	45	0	0.6	0.0	0.6
44		BADOD-MORAK	S/C	4	49	0.0	0.5	-0.4
45		MEHGAON-AURAIYA	S/C	57	0	1.0	0.0	1.0
46		MALANPUR-AURAIYA	S/C	17	10	0.2	0.0	0.1
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						13.2	169.4	-156.2
Import/Export of WR (With SR)								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2268	0.0	40.1	-40.1
51	400 KV	KOLHAPUR-KUDGI	D/C	0	319	0.0	3.5	-3.5
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	257	0.0	4.9	-4.9
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	80	0	1.3	0.0	1.3
WR-SR						1.3	72.2	-70.8
TRANSNATIONAL EXCHANGE								
54		BHUTAN						3.2
55		NEPAL						-7.8
56		BANGLADESH						-10.7